



Operations Status Report

Information needed by 1400hrs each day

Send report to r2_rrc@epa.gov, glenn.keith@epa.gov, jimenez.christopher@epa.gov,
casillas.laura@epa.gov, r.gascoyne@westonsolutions.com

You may call into 732-906-6850 if internet access is limited

General Information

Operational Period: 0700 5 November – 1900 5 November 2012

Today's Date: 5 November 2012

Time: 1630

Location (Municipality, County, State): Phillips 66 Bayway Refinery
1400 Park Avenue
Linden, Essex County, NJ
40°38'9.11"N 74°13'4.28"W

Area of assignment (HHW Collection Site, Street, Damaged Facility): Assessment

Individual OSC Requests:

OSC(s)Assigned to location: Kelli Lucarino – NJ Ops (assessment)

OSC personal requests (i.e. leave, vacation, etc): I would like to take my day off as Holiday on 11/12/12

Specific Site Information:

Type of Operation (Oil/Water Basement Pumping, Tank/Drum Recovery, Spilled Oil Hazmat/Recovery, HHW, Emergency Response, etc):

Conducted oversight of RP cleanup at the Phillips 66 Bayway Refinery

Operational Schedule (Dates/Times): November 5, 2012 0700-1900

Site Resources deployed (including contractor personnel and equipment):

RST Personnel: Lionel Montanez

EPA equipment:

- 1 Emergency Response Vehicle – G63 2838K
- 2 hand held radios
- 1 Trimble GPS Unit
- 1 Area Rae w/calibration gas
- 1 TVA
- 1 SAT Phone

Additional resources needed for operations: N/A

Safety Issues: N/A

Contractor Issues: N/A

Work conducted during operational period:

OSC met with representatives from NJDEP and Phillips 66 to conduct oversight of RP cleanup activities at the Phillips 66 Bayway Refinery. Two significant spill sources and effected areas are currently being mitigated by the RP. The first incident is located at Tank 310. The flood waters caused a stairway over a pipeline to collapse and sever the pipeline connected to the tank causing the contents of the pipeline and the tank to discharge to secondary containment. The material is #6 fuel oil and due to the viscous nature of the oil, it is assumed all discharged oil was contained within the secondary containment. The facility estimates 30 barrels were discharged to secondary containment. OSC observed #6 fuel oil in the secondary containment which the RP is currently working on removing. The majority of the oil has hardened and is being removed by hand. This incident is located within USCG jurisdiction.

The second incident occurred at the facility's east retention basin (ERB). The retention basin serves as a holding area for the storm sewers on the facility and as an oil/residual oil storage area for the facility. The contents of the ERB are pumped to a transfer area prior to disposal. During the storm, the facility lost power which stopped the ERB from being able to pump the contents to the transfer area which resulted in the overflow of the ERB. The facility also experienced a 15 foot storm surge which inundated the ERB and carried the oil throughout several areas of the facility including the refinery, the facility's freshwater reservoir, a nearby cemetery and forested area. Six residential homes adjacent to the cemetery area were also impacted. The facility is working with the homeowners to mitigate the damage to their properties. The facility estimates approximately 155 barrels of sludge oil was discharged from the ERB. This incident is located in EPA jurisdiction.

The RP has enacted its Unified Command System with facility representatives, the USCG, NJDEP, EPA and MSRC (facility's OSRO) as participating members. Wildlife has been impacted and Tri State Bird Rescue is on scene coordinating the wildlife issues.

As of November 4, 2012 at 1530, the RP had the following resources on site:

429 contractor personnel	36 light stands
52 RP personnel	40 skimmers
9,800 feet of boom	16 frac tanks
2 cranes	23 roll offs with an additional 84 on order
27 vacuum trucks	

Wildlife Impacts as of November 4, 2012 at 1530:


- 195 oiled birds had been captured, 83 had been cleaned, 76 were dead on arrival and 22 were euthanized at the facility. The majority of the birds were Canada Geese.
- 2 deer were observed in an impacted area, one with visibly oiled. The RP were unable to capture the deer and both were later found dead.
- 14 oiled turtles were captured and cleaned.
- 1 oiled domestic cat was found dead.

Next steps: Continue oversight as needed of response efforts.

Media attention: The oil spill has been featured on several different media outlets.

Additional Comments and Requests

According to facility representatives, Clean Harbors is the facility's primary OSRO, however, due to impacts from the storm, the majority of Clean Harbors equipment in the Tri-State area was damaged and they were unable to respond.



The facility is currently without power and is unable to generate steam to heat the pipelines and tanks. With the weather turning colder, the facility is closely monitoring this situation.

The facility is making preparations for the storm forecasted to impact the area this Wednesday.